Ribonuclease P/MRP Protein Subunit POP5 (POP5) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease P/MRP protein subunit POP5 (POP5), Recombinant Protein
Full Product Name	Recombinant Bovine Ribonuclease P/MRP protein subunit POP5 (POP5)
Product Gene Name	POP5 recombinant protein
Product Synonym Gene Name	POP5
Sequence	MVRFKHRYLL CEVVSDDPRC RLTLEDRVLG TLVRDTIARV HGTFGAAACS IGFAVRYLNA YTGIVLLRCR KEFYRLVWSA LPFITSLENK GHRYPCFLNT LHVGGTIRTC QKFLIQYNRR QLLILLQNCT DEGEREAIQK SVTKSCLLEE ESAGEELSDS GGEETAEPME
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	19,351 Da
Sequence Positions	1-170, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q1JQ92
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for POP5 recombinant protein	MBS1468797 is a recombinant protein targeting POP5. Also known as Recombinant Bovine Ribonuclease P/MRP protein subunit POP5 (POP5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of POP5 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for POP5. It may not necessarily be applicable to this product.

NCBI GI #	115496820
NCBI GeneID	507410
NCBI Accession #	NP_001068780.1
UniProt Primary Accession #	Q1JQ92
UniProt Related Accession #	Q1JQ92
GenBank Nucleotide #	NM_001075312.2

NCBI Official Full Name	ribonuclease P/MRP protein subunit POP5
NCBI Official Synonym Full Names	POP5 homolog, ribonuclease P/MRP subunit
NCBI Official Symbol	POP5
UniProt Protein Name	Ribonuclease P/MRP protein subunit POP5
Protein Family	Probable ribonuclease P/MRP protein
UniProt Gene Name	POP5
NCBI Protein Information	ribonuclease P/MRP protein subunit POP5
UniProt Comments for POP5	Component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. Also a component of RNase MRP ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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